This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

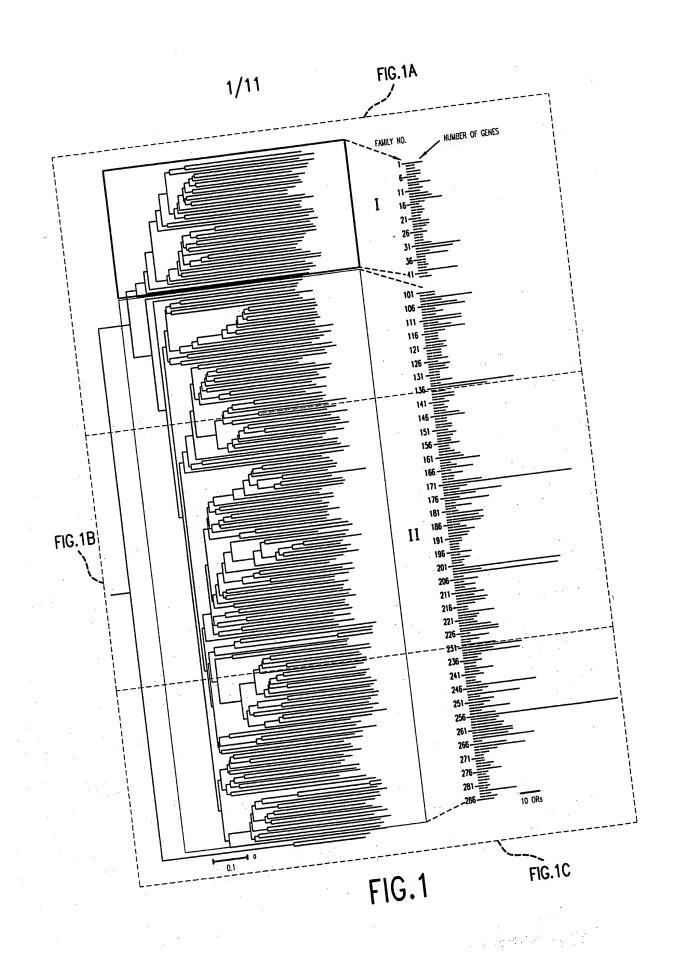
Defective images within this document are accurate representations of the original documents submitted by the applicant.

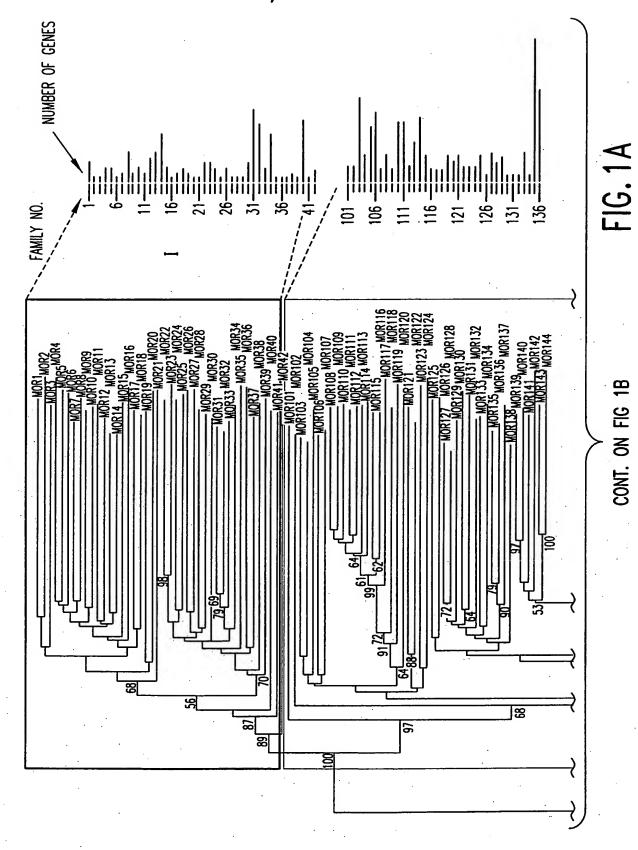
Defects in the images may include (but are not limited to):

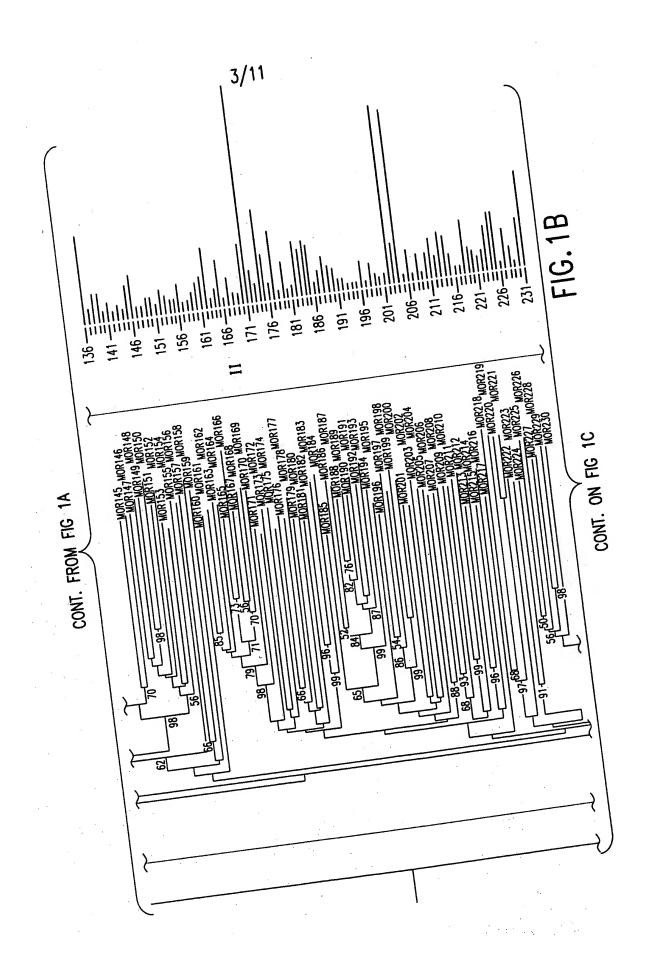
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

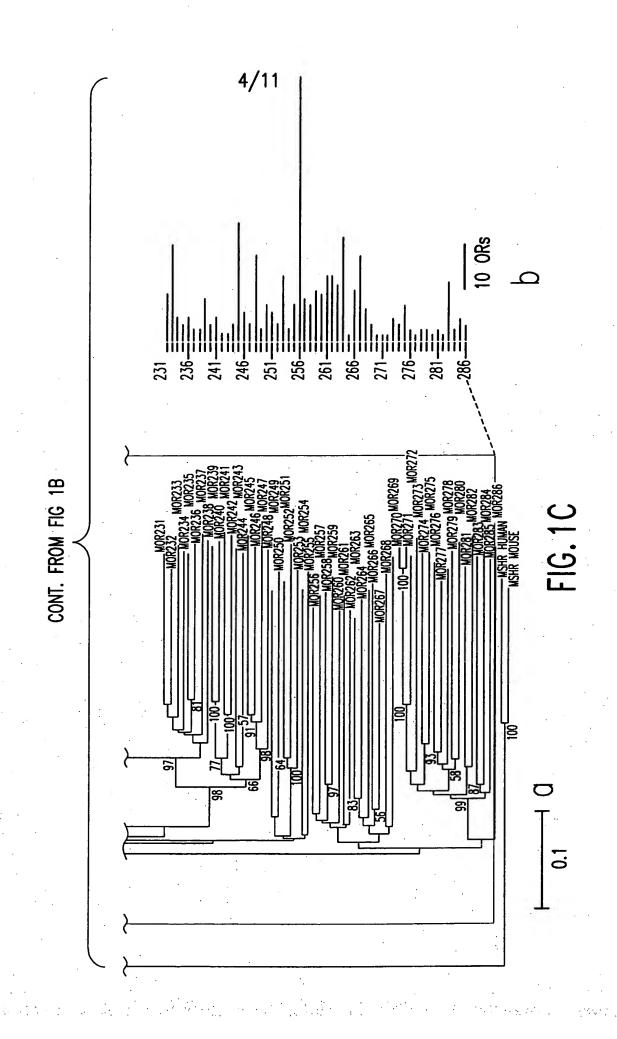
IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.









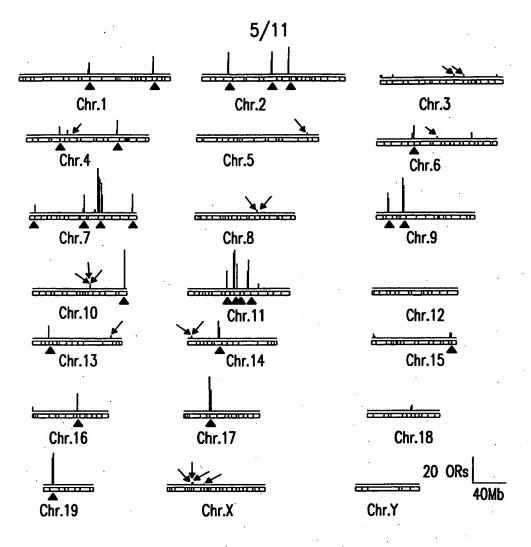


FIG. 2A

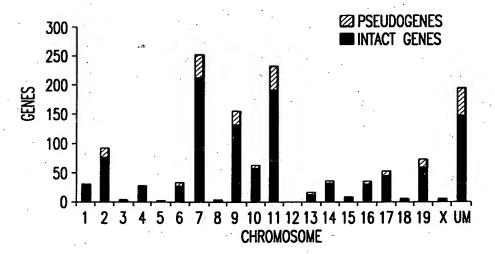
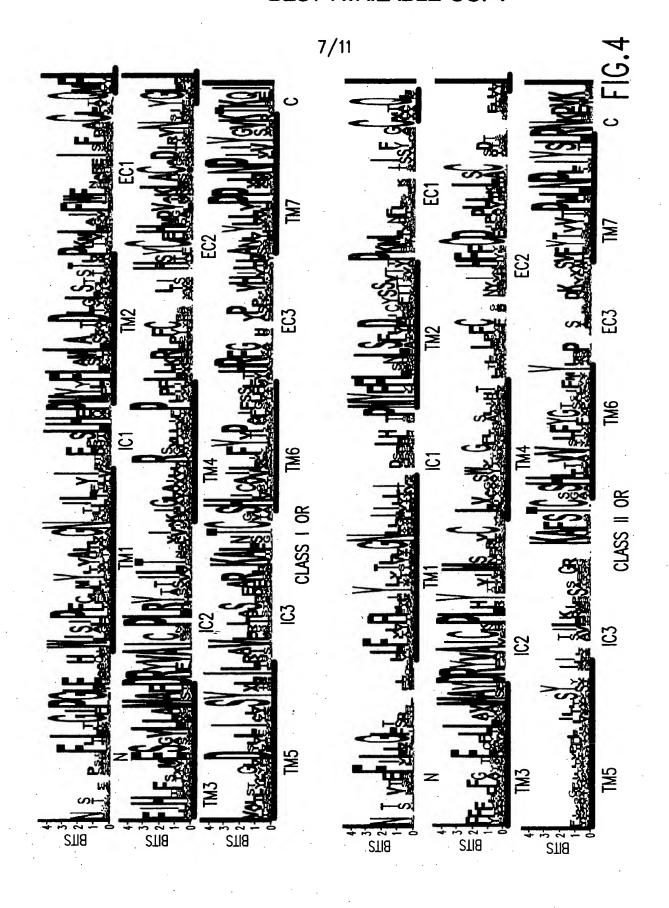


FIG. 2B

ALLICTED	DICTRIBUTION OF OR IMPOUND	LOOL MADDED ON THE OLLIOTED
CLUSTER	DISTRIBUTION OF ORS KNOWN	LOCI MAPPED ON THE CLUSTER
CLUSTER1-1	∞ 8 0Rs	o1fr12
(85.24-85.38M)		
CLUSTER1-2 (164.73-166.04M) > > > > > > > > > > > > > > > > > > >	o1fr16
CLUSTER2-1	∕ > → → → → → → → → → → → → → → → → → → 	o1fr3
(32.41-33.37M)		
CLUSTER2-2 (87.68-88.07M)	孝쪽쪽 22 ORs	o1fr4-1, o1fr4-2, o1fr4-3
CLUSTER2-3	, × ××××××××××××××××××××××××××××××××××	
(109.01-110.00M , CLUSTER4-1	/ >₩<6 0Rs	4177 4170 4174
(40.14-40.27M)		o1fr37, o1fr70, o1fr71,
CLUSTER4-2 (111.96-112.29M	\	·
CLUSTER6-1 (41.12-42.69M)	/ ×·····¥ _i ·₩××××24 ORs	o1fr38,
(41.12-42.69M)		
CLUSTER7-1 (5.40-5.53M)	≥ 8 ORs	o1fr5
CLUSTER7-2	16 ORs	o1fr2
(67.18-67.57M) . CLUSTER7-3	NORSON SECURITIES	xxx. o1fr6, o1fr17,
(83.22 - 89.41M)		208 ORs
CLUSTER7-4 (127.88-128.36M	∖¥××××××××××××××××××××××××××××××××××××	o1fr64-69
CLUSTER9-1	/ >>>>×××××××××××××××××××××××××××××××××	o1fr18,_o1fr39,
(11.65–13.15M)		
CLUSTER9-2 (29.73-32.19M)	acadhachachathachachachachachachachachachachachachach	o1fr7, o1fr7b,
CLUSTER10-1	>=====================================	o1fr9,
(111.50-112.58M) CLUSTER11-1	/ ××××××××××××××××××××××××××××××××××××	
(47.23-47.86M)	1 121 003	o1fr10,
CLUSTER11-2	settiti and observations of the setting of the sett	o1fr4,
(54.71-57.46M)	WORKER W OF AD-	
CLUSTER11-3 (59.46-60.67M)	## 9C# ···· ¥ 25 ORs	*
CLUSTER11-4	₩04××××××××××××××××××××××××××××××××××××	o1fr1,
(74.41-75.45M)		01111,
CLUSTER13-1	xx × x 12 ORs	-16-11 ·
(16.33-16.95M)		olfr11,
CLUSTER14-1 (38.07-40.29M)	жожения	
CLUSTER15-1	>∞ 7 0Rs	
(96.89-97.18M)	/ UNS	
CLUSTER16-1	>9=0€,> 26 ORs	
(54.70-55.28M)		·
CLUSTER17-1	× palisaksamos>osqx 50 ORs	
(29.35-30.65M)		
CLUSTER19-1	**************************************	
(8.55-10.54M)		
CLUSTERUM-1	≯×7 ORs	• •
(0.00-0.11M) CLUSTERUM-2	MORROWSHOODS OF THE TOTAL	01fr42
(0.00-1.45M)	xpospecooxpecxxxxx 73 ORs	o1fr4?
(0.00 1.75)		FIG.3

BEST AVAILABLE COPY



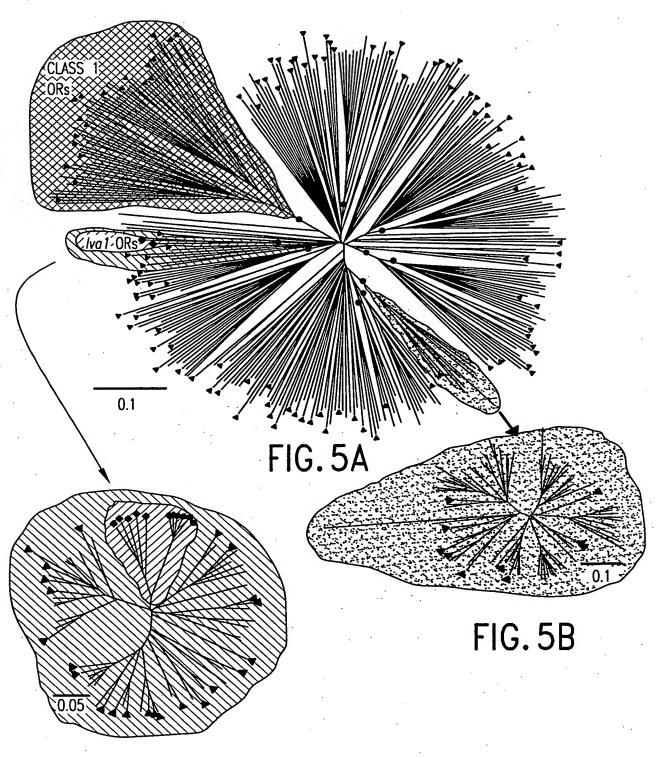
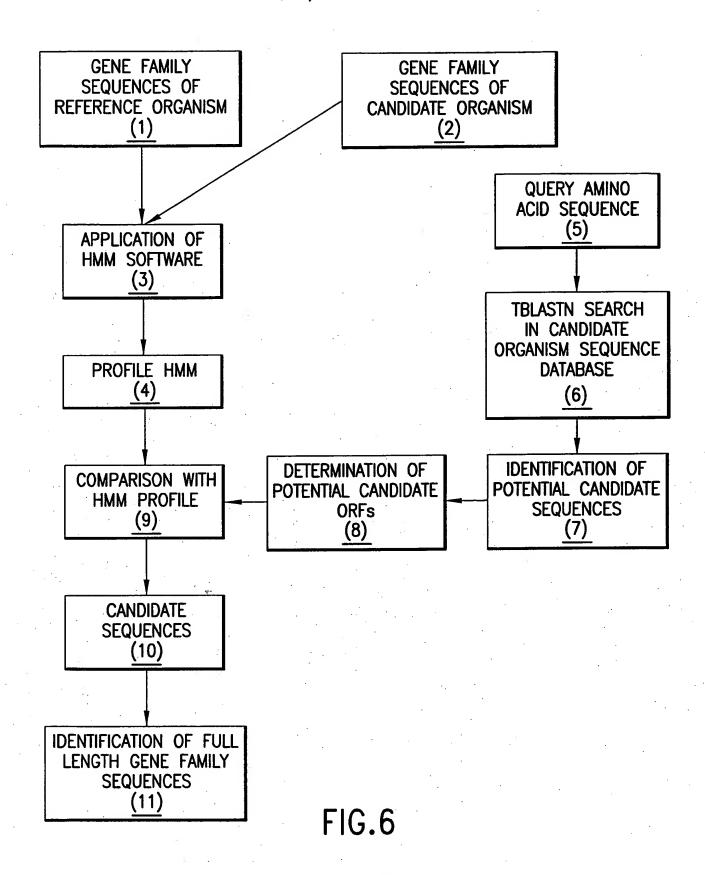
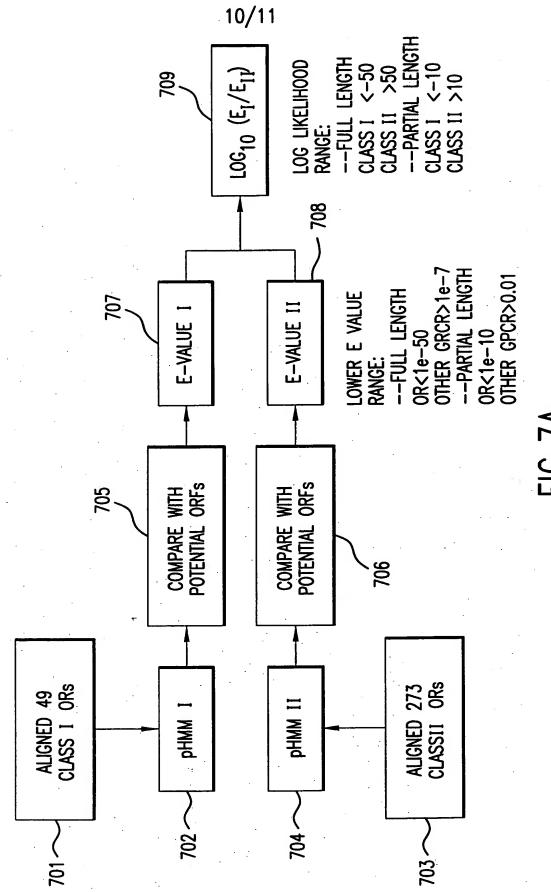


FIG.5C





HG. /A

